

Abstract of the Disclosure

A transmission line includes a signal conductor and at least one varactor diode capacitively coupled to the signal conductor. The transmission line's signal path delay is a function of its shunt capacitance, and the varactor's capacitance forms a part of the transmission line's shunt capacitance. The transmission line's signal path delay is adjusted by adjusting a control voltage across the varactor diode thereby to adjust the varactor diode's capacitance.

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